

March 26, 2014

Certified Mail # 7011 3500 0002 4314 4326
Return Receipt Requested

ENTERED ON: SING 14

Division of Water Pollution Control Enforcement and Compliance Section 312 Rosa Parks Ave. Snodgrass Tower 11<sup>th</sup> Floor Nashville, TN 37243

RE:

Storm Water Multi Sector Permits

TMSP No. TNR051544

Dear Sir/Madam;

Attached are copies of the Multi Sector General Permit 2013 Annual Monitoring Report for the AOC Tennessee Plant (TNR051544). A report has been provided for each outfall (SW 001 and SW 002)

In addition to sampling for Zinc per the Sector requirements the site was sampled for styrene (313-water priority pollutant). Test results were as follows.

Outfall SW 001: Styrene < 1.0 ug/l Outfall SW 002: Styrene < 1.0 ug/l

Sincerely,

Frank Sizemore, CHMM
Director of Regulatory Affairs
AOC LLC

CC: Skip Swanner
Phil Grimmett

TN DEPT OF ENVIRONMENT
AND CONSERVATION

APR 0 1 2014

DIV OF WATER RESOURCES

RECEIVED



#### TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC)

Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243, 1-888-891-TDEC (8332)

# Annual Stormwater Monitoring Report for Stormwater Discharges Associated with Industrial Activities under the Tennessee Multi-Sector General NPDES Permit (TMSP)

Facility Name:	AOC L.L. CTN Plant		TMSP Number:	TNR051544
Contact Person:	Phil Grimmett		Phone Number:	(901)-861-8349
This report is submi	itted for the following calendar year (e.g. 2013):	2013	Outfall Number:	SW001
List all TMSP secto	rs which apply to discharge from this outfall:	C&P	Sample Date:	5/31/2013

LOW CONCENTRATION WAIVER (See Instructions Note 3): List all parameters for which the facility is certifying that there has not been a significant change in industrial activity or the pollution prevention measures in the area of the facility that drains to the outfall for which sampling was waived.

#### Parameters:

**DIRECTIONS:** In the spaces below, provide the results of storm water monitoring for the designated outfall. The parameters for which monitoring must be conducted depend on which industry sector(s) of the TMSP applies to the discharge. Look up your sector(s) in the permit and analyze for the parameters that apply. If parameter is not listed below, submit additional sheets. All samples should be collected by grab technique.

Parameter	Benchmark (mg/L)	Annual Sample Result (mg/L)	Parameter (continued)	Benchmark (mg/L)	Annual Sample Result (mg/L)
Aluminum, Total	0.75		Magnesium, Total	0.064	
Ammonia	4.0		Mercury, Total	0.0024	
Arsenic, Total	0.15		Nickel, Total	0.875	
BOD, 5-Day	30		Nitrate + Nitrite Nitrogen	0.68	
Cadmium, Total	0.0021		Oil and Grease	15	
Chromium, Total	1.8		pН	5.0-9.0	
COD	120		Phenols	0.016	<del>-</del> .
Copper, Total	0.018		Phosphorus, Total (as P)	2.0	
Cyanide, Total	0.022		Selenium, Total	0.005	
Fluoride	1.8		Silver, Total	0.0038	<del></del>
Iron, Total	5.0		Total Suspended Solids (TSS)	150	
Lead, Total	0.156		Zinc, Total	0.395	<0.010

**CERTIFICATION AND SIGNATURE** Make all entries in ink. This report must be signed by a responsible corporate officer for a corporation, a general partner for a partnership, the proprietor for a sole proprietorship, or a principal executive officer or ranking elected official for a public agency.

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Skip Swanner	Plant manager	_ Skip Swanner	3/25/14
Permittee name (print or type)	Official Title	Signature	Date
	INSTRUCTI	ONS	

- 1. The purpose of this form is to report stormwater monitoring results under the TMSP. Only one sample per calendar year is required (except Sectors J & H, for more details see the TMSP at <a href="http://www.tn.gov/environment/permits/tmsp.shtml">http://www.tn.gov/environment/permits/tmsp.shtml</a>) Grab samples should be collected within the first 30 minutes (or as soon thereafter as practical, but not to exceed one hour) of when the runoff or snowmelt begins discharging. A separate form must be submitted for each outfall. If more than one sample is collected at any outfall, submit the average results of all monitoring data (for calculating average, use ½ of a detection level, if parameter was not detected). New facilities must conduct a tripling in the year during which permit coverage was obtained and during each following year. The completed form must be submitted by March 3 and the following year required during 2013 calendar year is due by March 31, 2014.
- required during 2013 calendar year is due by March 31, 2014.

  2. If the results of annual stormwater runoff monitoring demonstrates that the facility has exceeded the benchmark concentration, the permittee must inform The Division's local Environmental Field Office (EFO) in writing within 30 days from the time stormwater nonitoring results were received, describing the likely cause of the exceedance(s). Furthermore, within 60 days from the time stormwater monitoring results were received, the facility must review its stormwater pollution prevention plan (SWPPP), make any modifications of addition from the local EFO at simple of the proposed SWPPP modifications (including a timetable for implementation).
- 3. Low Concentration Waiver When the average concentration for a pollutant calculated from monitoring data collected from the first four calendar years of monitoring is less than the benchmark concentration, a facility may waive monitoring requirements in the last annual monitoring period. This form should be used for certification of low concentration waiver provision.

Complete, sign and date this form before it is submitted. Keep a copy of the completed form for your records. Submit the original completed and signed form to: Compliance & Enforcement Unit, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243 or you may submit the report electronically to: <a href="mailto:DWRWater.Compliance@tn.gov">DWRWater.Compliance@tn.gov</a>



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Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243, 1-888-891-TDEC (8332)

#### Annual Stormwater Monitoring Report for Stormwater Discharges Associated with Industrial Activities under the Tennessee Multi-Sector General NPDES Permit (TMSP)

Facility Name:	AOC L.L. CTN Plant		TMSP Number:	TNR051544
Contact Person:	Phil Grimmett		Phone Number:	(901)-861-8349
This report is subm	itted for the following calendar year (e.g. 2013):	2013	Outfall Number:	SW002
List all TMSP secto	ors which apply to discharge from this outfall:	C&P	Sample Date:	5/31/2013

LOW CONCENTRATION WAIVER (See Instructions Note 3): List all parameters for which the facility is certifying that there has not been a significant change in industrial activity or the pollution prevention measures in the area of the facility that drains to the outfall for which sampling was waived.

#### Parameters:

DIRECTIONS: In the spaces below, provide the results of storm water monitoring for the designated outfall. The parameters for which monitoring must be conducted depend on which industry sector(s) of the TMSP applies to the discharge. Look up your sector(s) in the permit and analyze for the parameters that apply. If parameter is not listed below, submit additional sheets. All samples should be collected by grab technique.

Parameter	Benchmark (mg/L)	Annual Sample Result (mg/L)	Parameter (continued)	Benchmark (mg/L)	Annual Sample Result (mg/L)
Aluminum, Total	0.75		Magnesium, Total	0.064	
Ammonia	4.0		Mercury, Total	0.0024	
Arsenic, Total	0.15		Nickel, Total	0.875	
BOD, 5-Day	30		Nitrate + Nitrite Nitrogen	0.68	
Cadmium, Total	0.0021		Oil and Grease	15	
Chromium, Total	1.8		pН	5.0-9.0	
COD	120		Phenols	0.016	
Copper, Total	0.018		Phosphorus, Total (as P)	2.0	<del></del>
Cyanide, Total	0.022		Selenium, Total	0.005	
Fluoride	1.8		Silver, Total	0.0038.	
Iron, Total	5.0		Total Suspended Solids (TSS)	150	
Lead, Total	0.156		Zinc, Total	0.395	0.170

CERTIFICATION AND SIGNATURE Make all entries in ink. This report must be signed by a responsible corporate officer for a corporation, a general partner for a partnership, the proprietor for a sole proprietorship, or a principal executive officer or ranking elected official for a public agency.

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Skip Swanner	Plant manager	Ship Swanny	3/25/14
Permittee name (print or type)	Official Title	Signature	Date

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- 2. If the results of annual stormwater runoff monitoring demonstrates that the facility has exceeded the benchmark concentration, the permittee must inform The Division's local Environmental Field Office (EFO) in writing within 30 days from the time stormwat A Print or the print were received, describing the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within to days from the likely cause of the exceedance(s). Furthermore, within the likely cause of the exceedance(s) and the exceedance(s) and the exceedance(s) and the exceedance(s) and the exceedance(s) are also as a further exceedance(s) and the exceedance(s) are a further exceedance(s) and the exceedance(s) are a further exceedance(s) and the exceedance(s) are a further exceedance(s) are a further exceedance(s) and the exceedance(s) are a further exceedance(s) are a further exceedance(s) and the exceedance(s) are a further exceedance(s) are a further exceedance(s) and the exceedance(s) are a further e received, describing the likely cause of the exceedance(s). Furthermore, within 60 days from the time stormwater monitoring results were received, proposed SWPPP modifications (including a timetable for implementation). RECEIVED
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Complete, sign and date this form before it is submitted. Keep a copy of the completed form for your records, Submit the original completed and signed form to: Compliance & Enforcement Unit, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243 or you may submit the report electronically to: DWRWater.Compliance@tn.gov



"A Laboratory Management Partner"

2790 Whitten Road

Memphis, Tennessee 38133

(901) 213-2400

Fax (901) 213-2440

6/6/2013

AOC, LLC Ms Ellie Olmstead 950 Highway 57 East Collierville, TN, 38017

Ref:

Analytical Testing

ETC Report Number: 13-154-0273 Client Project Description: Stormwater

Dear Ms Ellie Olmstead:

Environmental Testing and Consulting, Inc. received sample(s) on 6/3/2013 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an asreceived basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Rendell H. Thomas

Randy Thomas Project Manager TN DEPT OF ENVIRONMENT AND CONSERVATION

APR 0 1 2014

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Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama Mississippi #40750

Louisiana California

#09267CA NC

#04015 VA NELAP #460181

#415

Tevas

#T104704180-11-6 Arkansas

Virginia

#88-0650

Oklahoma

#9311

#00106

Kentucky

#90047

Tennessee

#TN02027 EPA

#TN00012

Kentucky UST #41

Kansas

#E-10396





2790 Whitten Road

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"A Laboratory Management Partner"

03701

AOC, LLC

Ms Ellie Olmstead

950 Highway 57 East Collierville, TN 38017 Project

Stormwater

Information:

Report Date: 06/06/2013

Received: 6/3/2013

Rendell H. Thomas

•

Report Number: 13-154-0273

REPORT OF ANALYSIS

Randy Thomas Project Manager

Lab No:

90795

90/95

Sample ID: SW001 NE Corner Bidg 3B

Matrix: Aqueous

Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
		e e			,		,	
Total Zinc		<0.010	mg/L	0.010	1	06/05/13 19:07	BKN	EPA-200.7



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03701

AOC, LLC

Ms Ellie Olmstead

950 Highway 57 East Collierville, TN 38017 Project

Stormwater

Information:

Report Date: 06/06/2013

Received: 6/3/2013

Rendell H. Thomas

Report Number: 13-154-0273

REPORT OF ANALYSIS

Randy Thomas

Project Manager

Lab No:

90795

Sample ID: SW001 NE Corner Bldg 3B

Matrix: Aqueous

Analytical Method: 8260B Prep Method: 5030B		Prep Batch(es):		L166312	Date/Time Prepped:		6/3/2013 12:22:00	
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Styrene		<1.00	μg/L	1.00	i	06/03/13 19:05	SEB	L166320
Surrogate: 4-B	romofluorobenzene		90.4	Limits: 71-137	<b>'</b> %	1 06/03/13 19:	05 SEB	L166320
Surrogate: Dib	romofluoromethane		78.2	Limits: 70-128	%	1 06/03/13 19:	05 SEB	L166320
Surrogate: 1,2	-Dichloroethane - d4		92.8	Limits: 63-136	i%	1 06/03/13 19:	05 SEB	L166320
Surrogate: Tol	uene-d8		81.2	Limits: 70-130	1%	1 06/03/13 19:	05 SEB	L166320



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03701

AOC, LLC

Ms Ellie Olmstead

950 Highway 57 East Collierville , TN 38017 Project

Stormwater

Information:

Report Date: 06/06/2013

Received: 6/3/2013

Rendell H. Homas

Randy Thomas Project Manager

Lab No:

90796

Sample ID: SW002 S of Guardhouse

Report Number: 13-154-0273

REPORT OF ANALYSIS

Matrix: Aqueous

		<del></del>				•	<del></del>		
Test	·	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Method	
		<del></del>							
Total Zinc		0.170	mg/L	0.010	1	06/05/13 19:14	BKN	EPA-200.7	



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03701

AOC, LLC

Ms Ellie Olmstead

950 Highway 57 East Collierville, TN 38017 Project

Stormwater

Information:

Report Date: 06/06/2013

Received: 6/3/2013

Rendell H. Thomas

REPORT OF ANALYSIS

Randy Thomas Project Manager

Lab No:

Report Number: 13-154-0273

90796

Sample ID: SW002 S of Guardhouse

Matrix: Aqueous

Analytical Method: Prep Method:	8260B 5030B Results		Prep Batch(es): L166312		Date/1	Time Prepped:	6/3/2013 12:22:00	
Test			Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
Styrene	,	<1.00	μg/L	1.00	1	06/03/13 19:26	SEB	L166320
Surrogate: 4-B	romofluorobenzene		112	Limits: 71-13	7%	1 06/03/13 19:	26 SEB	L166320
Surrogate: Dib	romofluoromethane		91.6	Limits: 70-12	8%	1 06/03/13 19:	26 SEB	L166320
Surrogate: 1,2	-Dichloroethane - d4		122	Limits: 63-13	6%	1 06/03/13 19:	26 SEB	L166320
Surrogate: Tole	uene-d8		82.6	Limits: 70-13	0%	1 06/03/13 19:	26 SEB	L166320



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Memphis, Tennessee 38133

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Fax (901) 213-2440

#### **Cooler Receipt Form**

Customer Number: **03701**Customer Name: **AOC, LLC**Report Number: **13-154-0273** 

Signature: Rebekah Ross

Date & Time: 06/03/2013 12:11:43

#### **Shipping Method**

Shipping container/cooler uncompromised?	Yes	○ No	
Custody seals intact on shipping container/cooler?	○ Yes	○ No	Not Required
Custody seals intact on sample bottles?	O Yes	○ No	Not Require
Chain of Custody (COC) present?	Yes	○ No	
COC agrees with sample label(s)?	Yes	○ No	
COC properly completed	Yes	○ No	
Samples in proper containers?	Yes	○ No	
Sample containers intact?	Yes	○ No	·
Sufficient sample volume for indicated test(s)?	Yes	○ No	
All samples received within holding time?	Yes	○ No	· ·
Cooler temperature in compliance?	Yes	○ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	● Yes	○ No	•
Water - Sample containers properly preserved	Yes	○ No	○ N/A
Water - VOA vials free of headspace	Yes	○ No	○ N/A
Trip Blanks received with VOAs	O Yes	○ No	N/A
Soil VOA method 5035 – compliance criteria met	O Yes	○ No	● N/A
High concentration container (48 hr)	Low o	oncentration EnC	ore samplers (48 hr)
High concentration pre-weighed (methanol -14	d) / Low c	onc pre-weighed	vials (Sod Bis -14 d)
Special precautions or instructions included?	O Yes	● No	
Comments:			



2790 Whitten Road

Memphis, Tennessee 38133 (901) 213-2400 Fax (901) 213-2440



13-154-0273 03701 06-03-2013

Company Name AOC, LLC			la -					Telephone (901) 850-9755		RUSH	ICE
Site Name		i	Project Comment Storm water							FID Number	
Project					nber PO		O Number				<del>- : ;</del>
Project Manager / Co Ms Ellie Olmstead	ontact	<u> </u>	· · · · · · · · · · · · · · · · · · ·		- <b>mail</b> olmstead@	( age-resins	cóm.				
Sample ID	Container Type	Collected Time	-	# Cont	Preser	vative	Grab / Comp	Matrix	A	Analyses	
SW 001 NE Corner Bldg 38	Glass Vial Amber - 40ml	5/91/13 10:15 0	5/31/	133	HCL - Hyc	lrochloric id		Aqueous	826	OB - Styres	ie
W 001 NE Corner Bldg 3B	Plastic - Pint	5/34/13 10:15/		1	HNO3 - N		G	Aqueous	* * **** * * * * * * * * * * * * * * *	Zinç	
W 002 S of Guardhouse	Glass Vial Amber - 40ml	5/21/13 11.00 A	7	3	HCL - Hyd		6	Aqueous		08 - Styren	
W 002 S of Guardhouse	Plastic - Pint	5/21/13 1101: A	Ţ	1	HNO3 - N	ltric Acid	G	Aqueous		Zinc	÷

Sampled By	Method of Shipment	Blank / Cooler Remarks
Elly Olmstead		Temperature 0
Relinquished By (sign) Elly Olmand	Date / Time Ø/3//3 (0/30.4	Received By Island Date / Time / 0.3
Relinquished By (sign)	Date / Time	Received By (sign) Date / Time
Relinquished Styleign	Date / Time //43	
an year	<u> </u>	Jan 6.3-13



"A Laboratory Management Partner"

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Memphis, Tennessee 38133

(901) 213-2400

Fax (901) 213-2440

6/6/2013

AOC, LLC Ms Ellie Olmstead 950 Highway 57 East Collierville, TN, 38017

Ref:

**Analytical Testing** 

ETC Report Number: 13-154-0273 Client Project Description: Stormwater

Dear Ms Ellie Olmstead:

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The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

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The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an asreceived basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Randy Thomas **Project Manager** 

Rendell H. Thomas

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama Mississippi

Kentucky

#40750

Louisiana California

#04015 VA NELAP #460181 #09267CA NC

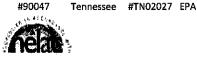
#415 #TN00012

Texas Oklahoma

Kentucky UST #41

#T104704180-11-6 Arkansas #9311

Virginia Kansas #88-0650 #00106 #E-10396





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03701

Lab No:

AOC, LLC

Ms Ellie Olmstead

950 Highway 57 East Collierville, TN 38017 Project

Stormwater

Information:

Report Date: 06/06/2013

Received: 6/3/2013

Rendell H. Thomas

Randy Thomas

Report Number : 13-154-0273

90795

Sample ID: SW001 NE Corner Bldg 3B

REPORT OF ANALYSIS

Project Manager

Matrix: Aqueous

Test	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
		<del></del>					
Total Zinc	<0.010	mg/L	0.010	1	06/05/13 19:07	BKN	EPA-200.7



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Stormwater

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Received: 6/3/2013

Rendell H. Thomas

Report Number: 13-154-0273

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Randy Thomas

Project Manager

Lab No:

90795

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Sample ID: SW001 NE Corner Bldg 3B

Matrix: Aqueous

Analytical Method: Prep Method:	8260B 5030B	ı	Prep Batch(es):	L166312	Date/1	îlme Prepped:	6/3/201	3 12:22:00
Test		Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Batch
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Surrogate: Dib	romofluoromethane		78.2	Limits: 70-12	8%	1 06/03/13 19:	05 SEB	L166320
Surrogate: 1,2	-Dichloroethane - d4		92.8	Limits: 63-13	6%	1 06/03/13 19:	05 SEB	L166320
Surrogate: Tol	uene-d8		81.2	Limits: 70-13	80%	1 06/03/13 19:	05 SEB	L166320



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03701

AOC, LLC

Ms Ellie Olmstead

950 Highway 57 East Collierville, TN 38017 Project

Stormwater

Information:

Report Date: 06/06/2013

Received: 6/3/2013

Rendell H. Thomas

REPORT OF ANALYSIS

Randy Thomas

Project Manager

Lab No:

90796

Report Number: 13-154-0273

Sample ID: SW002 S of Guardhouse

Matrix: Aqueous

Test	Results	Units	MQL	DF	Date / Time Analyzed	Ву	Analytical Method
-				· s. · ·			
Total Zinc	0.170	mg/L	0.010	1	06/05/13 19:14	BKN	EPA-200.7



"A Laboratory Management Partner"

2790 Whitten Road

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(901) 213-2400

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03701

AOC, LLC

Ms Ellie Olmstead

950 Highway 57 East Collierville, TN 38017 Project

Stormwater

Information:

Report Date: 06/06/2013

Received: 6/3/2013

Rendell H. Thomas

REPORT OF ANALYSIS

Randy Thomas

Project Manager

Lab No:

Report Number: 13-154-0273

90796

Sample ID: SW002 S of Guardhouse

Matrix: Aqueous

Analytical Method: Prep Method:	8260B 5030B	P	rep Batch(es):	L166312	Date/T	ime Prepped:	6/3/201	3 12:22:00
Test		Results	Units	MQL	ÐF	Date / Time Analyzed	Ву	Analytical Batch
Styrene	•	<1.00	µg/L	1.00	1	06/03/13 19:26	SEB	L166320
Surrogate: 4-B	romofluorobenzene		112	Limits: 71-13	7%	1 06/03/13 19:	26 SEB	L166320
Surrogate: Dib	romofluoromethane		91.6	Limits: 70-12	8%	1 06/03/13 19:	26 SEB	L166320
Surrogate: 1,2	-Dichloroethane - d4		122	Limits: 63-13	6%	1 06/03/13 19:	26 SEB	L166320
Surrogate: Tol	uene-d8		82.6	Limits: 70-13	0%	1 06/03/13 19:	26 SEB	L166320



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#### **Cooler Receipt Form**

Customer Number: 03701
Customer Name: AOC, LLC
Report Number: 13-154-0273

Signature: Rebekah Ross

Date & Time: 06/03/2013 12:11:43

#### **Shipping Method**

ambbir	.gourou		
Fed Ex UPS US Postal Client	Lab	O Courier	Other:
hipping container/cooler uncompromised?	● Yes	○ No	
ustody seals intact on shipping container/cooler?	O Yes	○ No	Not Required
ustody seals intact on sample bottles?	○ Yes	○ No	Not Required
hain of Custody (COC) present?	Yes	O No	<del>.</del>
OC agrees with sample label(s)?	Yes	○ No	· · · · · · · · · · · · · · · · · · ·
OC properly completed	Yes	○ No	
amples in proper containers?	Yes	○ No	
ample containers intact?	Yes	○ No	
ufficient sample volume for indicated test(s)?	Yes	○ No	· · · · · · · · · · · · · · · · · · ·
Il samples received within holding time?	Yes	○ No	
ooler temperature in compliance?	Yes	○ No	·
ooler/Samples arrived at the laboratory on ice. amples were considered acceptable as cooling rocess had begun.	Yes	○ No	
/ater - Sample containers properly preserved	Yes	◯ No	○ N/A
/ater - VOA vials free of headspace	Yes	○ No	○ N/A
rip Blanks received with VOAs	O Yes	○ No	N/A
oil VOA method 5035 – compliance criteria met	○ Yes	○ No	● N/A
High concentration container (48 hr)	Low	oncentration EnC	ore samplers (48 hr)
High concentration pre-weighed (methanol -14	d)   Low o	conc pre-weighed	vials (Sod Bis -14 d)
pecial precautions or instructions included?	O Yes	● No	
Comments:			
			<u>'</u>



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Company Name AOC, LLC  Site Name Project Con Storm water					Custome 03701	r Numb	<u></u>	Telephone (901) 850-97		RUSH	ICE	
					ent	<u></u>	FIC					
Project Num				lumb	umber PO Number					<del></del> -		
<b>Project Manager / Co</b> Ms Ellie Olmstead	ontact			- 1	E-mail colmstead@	aoc-resins	.com		·. ·		<del></del>	
Sample ID	Container Type	Collected Tim	_	I Droce		Preservative		Matrix	Analyses		s	
SW 001 NE Corner Bldg 38	Glass Vial Amber - 40ml	5/51/13 10:15		133	HCL - Hyd Ac		Comp	Aqueous	826	0B - Styrer	ie	
W 001 NE Corner Bldg 3B	Plastic - Pint	5/21/13 10:15	•	1 	M - EONH	itric Acid	6 1	Aqueous	* * # *****	Zinc		
W 002 S of Guardhouse	Glass Vial Amber - 40ml	5/21/13		3	HCL - Hyd Ac		G	Aqueous	826	)B - Styren	e	
W 002 S of Guardhouse	Plastic - Pint	5/31/13 1100 A	$L_{\parallel}$	1	HNO3 - N	itric Acid	G	Aqueous		Zinc		

Sampled By	Method of Shipment	Blank / Cooler Remark	ks
Elly Olmstead		Temperature 0	
Relinquished By (sign) Elly Olnard	Date / Time 6/3/13	Received By Sign	Date / Time /030
Relinquished By (sign)	Date / Time	Received By (sign)	03-13 Date / Time
Relinquished By sign	Date / Time //ys	Received by Lab (sign)	Date / Time ///5
and the second	63-13	445	6.3-13